NAVSEA

ADDENDUM

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PROVISIONING TECHNICAL DOCUMENTATION REQUIREMENTS FOR DEVELOPMENT ITEMS PROCURED AS GOVERNMENT FURNISHED EQUIPMENT

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TABLE OF CONTENTS

TABLE OF CONTENTS (Cont'd)

FIGURES

APPENDICES

1. Introduction. This Addendum for Provisioning Technical Documentation (PTD) requirements contains information tailored to the acquisition of PTD to satisfy specific Navy requirements, and shall be used in conjunction with MIL-STD-1561B and MIL-STD-1388.2A/B. This Addendum for PTD requirements takes precedence over any other documentation related to PTD requirements for development items procured as GFE. any questions regarding this Addendum should be referred to the cognizant Technical Support Activity (TSA) for resolution.

2. Provisioning Technical Documentation (PTD). Provisioning Technical Documentation (PTD) is required for all systems or equipment which are acquired or fabricated for Navy use, which have machinery or electronic circuitry parts that are subject to wear out, and which will require maintenance at the Organizational, Intermediate or Depot (O,I, or D) level of maintenance. PTD is also required for any associated design changes. PTD shall be prepared for each unit (system, equipment, assembly, component) that meet any or all of the following conditions:

a. is assigned a Provisioning Contract Control Number (PCCN);

b. is described by its own nomenclature;

c. performs an identifiable function;

d. can be removed from a system and operated independently;

e. can be replaced by a like unit without degradation to the system as whole;

f. is identifiable on its own by engineering drawings with plan and piece numbers.

The contractor shall record the data generated from the Logistic Support Analysis (LSA) tasks in accordance with MIL-STD-1388-2A/B, the DOD Requirements for a LSA Record. PTD shall be developed using data from the LSA Record.

3. PTD Delivery Schedule. PTD shall be delivered to the Government in accordance with the following guidelines:

a. New Acquisitions. Delivery of PTD shall begin at the completion of Critical Design Review (CDR), and should be completed by the conclusion of the Engineering and Manufacturing Development Phase (Phase II). Any revisions as a result of testing will also be reflected.

b. Follow-on Acquisitions. Delivery of PTD shall begin at the CDR equivalent in accordance with the delivery schedule set forth in the Statement of Work (SOW).

c. Design Changes. PTD shall be delivered within 60 days after approval of the change by the Government, or if Government approval is not required, within 60 days after incorporation of the change.

4. Provisioning Data. The Logistic Support Analysis Record (LSAR) Data Selection Sheet, Part II (DD 1949-1) modified for Navy use, identifies the data elements required to complete the Provisioning Data Package. Data packages shall be developed using data which has been recorded in the LSA Record. The LSAR data entry instructions and data element definitions are provided in MIL-STD-1388-2A/B, and through the online help facility available in ICAPS. All provisioning data shall be sequenced by one of the following sequencing methods:

o Electronic Systems and Equipment. Data for electronic systems and equipment shall be sequenced by reference designation.

o Nonelectronic Systems and Equipment. Data for nonelectronic systems and equipment shall be sequenced by indenture code.

o Nonelectronic Systems and Equipment having Electronic Components that are Designed with Reference Designations. Any nonelectronic systems or equipment containing electronic components shall be sequenced by indenture code; however, the data for electronic components in these systems or equipment shall be sequenced by reference designation.

a. Composition and Reproduction. Regular copy is not required for Provisioning Data. Reproducible copy shall be magnetic tape, magnetic diskette or direct electronic transfer.

b. Format and Media. Provisioning Data shall be prepared in ICAPS format, as specified in the SOW, for provisioning requirements; and LSA-025 report format for packaging requirements included as Figure 1. The method of data transfer shall be that which is specified in the SOW and the LSAR Data Selection Sheet (DD Form 1949-1). Examples of media are as follows:

(1) MS-DOS compatible 360K or 1.2 MEG magnetic diskette.
(2) Direct electronic transfer
(3) Magnetic tape as specified on the LSAR Data Selection Sheet, Part II (DD 1949-1) modified for Navy use.

5. Supplementary Provisioning Technical Documentation. SPTD is technical data in support of all items contained in the data package. SPTD is used to describe parts and equipment in sufficient detail to verify the equipment configuration and assign National Stock Numbers (NSNs). SPTD consists of specifications, standards, drawings, and the necessary assembly and general arrangement drawings, schematic drawings, schematic diagrams, wiring and cable diagrams, etc., needed to indicate the physical characteristics, location, and

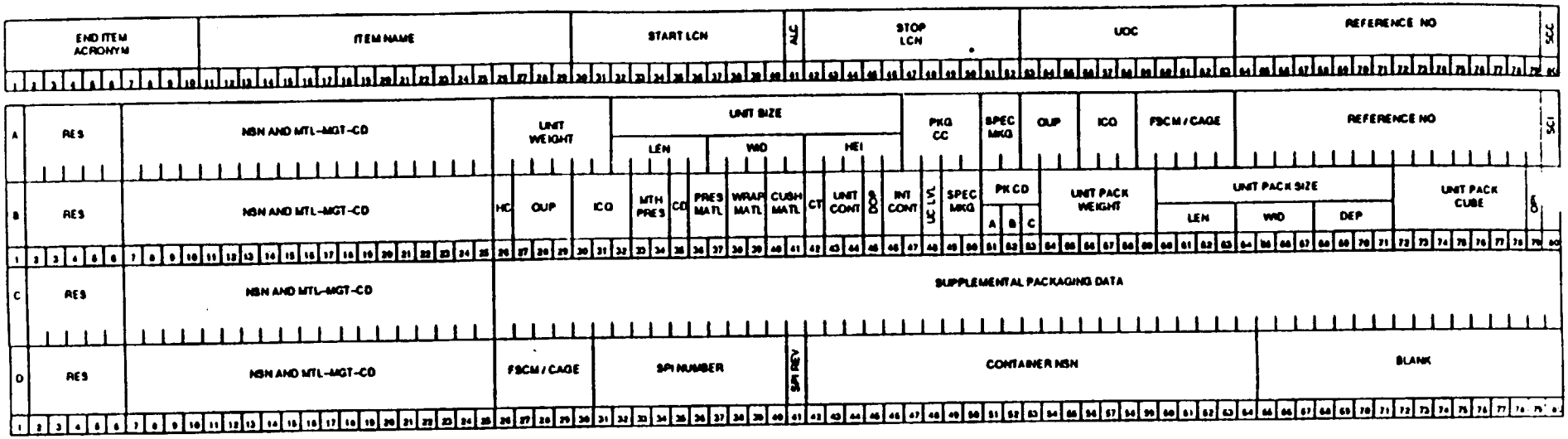

FIGURE 1: *LSA–025, Packaging Requirements Data*

function of the item. Engineering drawings are required as SPTD for provisioning purposes. Requirements for these drawings do not replace drawing requirements specified elsewhere in the contract. Where drawings are specified elsewhere in the contract, the contractor shall provide copies for provisioning purposes. Reproducible drawings shall be aperture cards in accordance with MIL-STD-9877. Regular copy drawing shall be blue line prints in accordance with MIL-D-5480E. Drawings may be provided in digitized format if agreed to at the Provisioning Guidance Conference.

a. SPTD Precedence. SPTD for new acquisitions shall be provided in the order of precedence stated in MIL-STD-1561B, except that engineering drawings shall be in accordance with MIL-T-31000. For follow-on acquisitions, engineering drawings provided as SPTD shall be in accordance with the standard invoked in the original contract.

b. SPTD Disclaimer. SPTD is not required under the circumstances described below:

(1) SPTD shall not be provided when support items are identified by a Government specification or standard which completely describes the item including its dimensional, mechanical and electrical characteristics.

(2) SPTD shall not be submitted on support items that are identified to an acceptable National Stock Number (NSN) with a type 1 item identification (DOD 4100.38-M), or when a Statement of Prior Submission (SPS) has been approved. A type 1 item identification is a full description of an item of supply, and delineates the essential characteristics of the item by use of the approved item name, a description of the characteristics of the item, and an illustration of the item as a supplement to the description (DOD 4130.2-M definition). If a NSN is not acceptable to the Navy, SPTD shall be furnished for that item.

c. SPTD Sequencing. SPTD shall be sequenced by reference number.

6. Provisioning Data Cover Page (NAVSEA 4423/3). Instructions for completing form NAVSEA 4423/3 are shown on the reverse side of the form. (See Figure 2).

a. Provisioning Data and Supplementary Provisioning Technical Documentation (SPTD). All provisioning data and supporting documentation shall be submitted using the Provisioning Data Cover Page shown in Figure 2. PTD will be submitted in increments, provided that such increments comprise not less than the requirements of a complete subassembly unit.

b. Statement of Prior Submission. A SPS may be submitted by the contractor to indicate that PTD which may satisfy the PTD requirements of the solicitation has previously been furnished to the Government. The SPS shall apply to the end item or to any provisionable component (unit). A Provisioning Data Cover Page shall be prepared with

PROVISIONING DATA COVER PAGE

TYPE OF LIST: _____

A	PROVISIONABLE ITEM IDENTIFICATION

ITEM NAME

MODEL TYPE NO AND PART NO

MANUFACTURED BY | FSCM/CAGE

MANUFACTURERS DRAWING NO

NAVAL COMMANDS DRAWING NO

CERTIFICATION DATA SHEET NO

NAME PLATE DATA

CHARACTERISTICS DATA

SHIP PLAN AND PIECE NUMBERS

APL/AEL NUMBER

TECHNICAL MANUAL NUMBER

CONTROL DATA | PCCN | TOTAL PAGES

B	PROCUREMENT IDENTIFICATION AND INFORMATION

PURCHASING ACTIVITY

PROCUREMENT INSTRUMENT
PIIN
SPIIN

EXHIBIT LINE ITEM NUMBER

SHIPBOARD APPLICATION DATA

END ITEM IDENTIFICATION AND APPLICATION

PROCUREMENT IDENTIFICATION AND INFORMATION

PROVISIONABLE ITEM POPULATION DATA

NAVY HULL NOS | NO PER SHIP

LIST OF COMPONENTS PROVISIONED SEPARATELY

NEXT HIGHER ITEMS
NAME NOMENCLATURE PART NUMBER

NEXT LOWER ITEM(S)
NAME NOMENCLATURE PART NUMBER

C	STATEMENT OF PRIOR SUBMISSION

IDENTIFYING INFORMATION
IF DATA NOT KNOWN ENTER WORD UNKNOWN

PREVIOUS CONTRACT PIIN

PREVIOUS CONTRACT SPIIN/EXHIBIT LINE ITEM NUMBER

PROVISIONING ACTIVITY RECEIVING PREVIOUS PTD

NATIONAL STOCK NUMBER (NSN) OR NAVY ITEM CONTROL NUMBER (NICN)

INTERCHANGEABILITY INFORMATION

ELECTRICAL MECHANICAL PHYSICAL AND DIMENSIONAL DATA

UPDATE EFFORT ESTIMATE

NUMBER OR PERCENT OF CHANGES TO UPDATE PTD TO NEW CONFIGURATION

BRIEF DESCRIPTION OF CHANGES

D	CERTIFICATION

SIGNATURE

COMPANY

DATE | TITLE

NAVSEA 4423/3 (7/81)

Figure 2: PROVISIONING DATA COVER PAGE

NAVSEA 4423/3 (REV. 7-81) (Back)

INSTRUCTIONS FOR PREPARING COVER PAGE FOR PROVISIONING PARTS LISTS

TYPE OF LIST. Enter list title: *Provisioning Parts List, Provisioning Parts List Classified Supplement*, etc. Do not use acronyms to identify lists.

BLOCK A – PROVISIONABLE ITEM IDENTIFICATION

ITEM NAME. Enter the name of the item being provisioned.

MODEL/TYPE NUMBER. Enter the manufacturer's model and/or type number of the item.

MANUFACTURED BY. Enter the manufacturer's name and address.

FSCM/CAGE. Enter the manufacturer's Federal Supply Code for Manufacturers (FSCM), or the Commercial and Government Entity (CAGE), if known.

MANUFACTURER'S DRAWING NUMBER. Enter the manufacturer's drawing number.

NAVAL COMMAND'S DRAWING NUMBER. Enter the Naval Command's drawing number, if known.

CERTIFICATION DATA SHEET NUMBER. Enter the manufacturer's Certification Data Sheet Number, if applicable.

NAMEPLATE DATA. Enter the nameplate data applicable to the item. *Note: The precise and complete nameplate data is desired even though this data may duplicate other entries on the Provisioning Data Cover Page.*

CHARACTERISTICS DATA. Enter additional characteristics data to enable positive identification of the item and its applicable support items, such as electrical characteristics and ratings, e.g., HP, GPM, and PSI, size, connections, and material, as appropriate.

SHIP PLAN AND PIECE NUMBERS. Leave blank.

APL/AEL NUMBER. Enter the CID, APL, or AEL number that the Navy has assigned to the item as a result of prior PTD processing, if known.

TECHNICAL MANUAL NUMBER. Enter the publication number that the government assigned to the provisionable item's technical manual as a result of technical manual approval under a prior or the present contract, if known. If a technical manual is available which has not been assigned a Government publication number, leave this space blank and submit a copy of the manual as SPTD.

CONTROL DATA. Enter *BASIC* for initial submittals, *REV A* for first revisions, *REV B* for second revisions, etc.

PROVISIONING CONTRACT CONTROL NUMBER (PCCN). Six alphanumeric characters, left justified. The PCCN is used to identify a specific contract. A separate PCCN is required for each family of PLs for an end item equipment or component. Unless the PA assigns the PCCN, leave this field blank. Construct the PCCN as follows. The first position shall be the Service Designator, e.g., N-A (Navy). The second position shall be the last digit of the year of the contract award.

TOTAL PAGES. Enter the total number of pages attached to the cover page. Do not include the cover page in the count.

BLOCK B – PROCUREMENT IDENTIFICATION AND INFORMATION

PURCHASING ACTIVITY. Enter the name, address, and if known, the FSCM or CAGE of the Purchasing Activity.

PROCUREMENT INSTRUMENT

a. PIIN. Enter the Government contract or purchase order number.
b. SPIIN. Enter the contract or purchase order line item number that specifies provisioning.
c. EXHIBIT LINE ITEM NUMBER. Enter the applicable CDRL, DD Form 1423, sequence number, or the purchase order line item number, calling for PTD, e.g., the PPL, CBIL, or TTEL.

SHIPBOARD APPLICATION DATA. Enter the end item's name, part number, and the shipboard application. If there are multiple applications, list all and indicate the quantity of end items devoted to each application. If the shipboard application is unknown, list the intermediate application, e.g., system stock or alteration number.

PROVISIONABLE ITEM POPULATION DATA. Enter this data on the cover page of PLs for end items only. When PLs are prepared at the component level, only the cover page of the top level item need display this entry.

a. NAVY HULL NUMBER. Enter the ship's, craft's, or boat's Navy Hull Number(s) for which the item is being procured. If the hull number is unknown, enter the receiving activity, e.g., DLA, SPCC, and Norfolk NAVSHIPYD.
b. NUMBER PER SHIP. Enter the quantity of the item procured for installation in each hull. If hull numbers are unknown, enter the quantity of the item to be delivered to the receiving activity.

LIST OF COMPONENTS PROVISIONED SEPARATELY. This entry is intended to delineate the relationship between the PLs of items being delivered under this procurement and the equipment or system in which they will be used when provisioning is performed at the component level.

a. NEXT HIGHER ITEM(S). If Block A describes a component or assembly, enter the name, nomenclature, and part number of the item of which Block A is a component or assembly. If block describes an end item, this entry is left blank.
b. NEXT LOWER ITEM(S). If Block A describes an item containing subitems which are to be provisioned by individual PLs, enter the names, nomenclature, and part numbers of the subitems. If Block A describes an item containing no subitems which are to be provisioned by individual PLs, this entry is left blank.

BLOCK C – STATEMENT OF PRIOR SUBMISSION.

Enter Item Name, Model Type and Part Number, Manufactured by and FSCM (CAGE) in Block A, and complete all of Block C.

BLOCK D – CERTIFICATION

SIGNATURE. The cover page shall bear the signature of a responsible representative of the company who shall certify that the data contained in the attached PL is complete and correct and that provisioning screening output results for line item have been obtained within 60 days prior to certification date and have been incorporated in the attached PL.

COMPANY. Enter the name of the company which actually prepared the PL.

DATE. Enter the effective date of the data contained in the attached PL.

TITLE. Enter the title of the company representative whose signature appears above.

Figure 2 (Con't): PROVISIONING DATA COVER PAGE

each submittal of a SPS. Item Name, Model Type and Part Number, Manufactured By and FSCM/CAGE, Drawing Number (including Revision Letter) in Block A, and all of Block C shall be completed. A SPS shall provide total identification of a system or equipment as will as the procurement document number under which PTD was previously submitted. Additionally, the contractor shall certify that the PTD previously furnished to the Government will satisfy the PTD requirements for the system or equipment being procured. The SPS certification shall iclude a statement that all replacement parts are identical to those submitted under the original PTD. If there are differences, the certification shall provide a statement as to what parts have changed and the percentage of changed parts to the total parts population. The Government reserves the right to reject a SPS if it does not meet the data requirements for PTD. Upon approval by the Government to accept a SPS with parts differences, the contractor shall provide updated provisioning data with supporting SPTD using the Design Change Notice (DCN) process.

7. System Configuration Provisioning List (SCPL). A SCPL shall be submitted as specified in MIL-STD-1561B except that a new SCPL is required with each incremental submission of PTD. Attaching hardware shall be included in the component's (unit) own data package, and not in the SCPL. A SCPL is not required when the system or equipment contains no lower indentured units that are provisionable.

8. Source, Maintenance, and Recoverability (SM&R) Codes. SM&R Codes are a series of alpha or alphanumeric codes used at the time of provisioning to indicte the source of supply of an item, its maintenance implications, and its recoverability characteristics. The contractor shall develop SM&R codes in accordance with the description and application of the joint services uniform SM&R codes for Navy use contained in Appendix A. SM&R codes shall be reported in the Source, Maintenance and Recoverability (SMR) block located in the first provisioning data screen of the ICAPS.

9. Replacement Factors (RFs). The RF represents the best estimate of the replacement rate for an item per application per year. When a replacement factor is provided to the contractor by the Government, that factor shall be used for preparing PTD. When no RF is assigned by the Government, the contractor shall compute a RF using the guidelines provided in Appendix B. RFs shall be reported in the Maintenance Replacement Rate I (MRRI) block located in the first provisioning data screen of the ICAPS. A Contractor computed RF is a Technical Replacement Factor (TRF).

10. Military Essentiality Codes (MECs). MECs are codes used to indicate the degree to which the failure of the part will affect the ability of the end item to perform its intended operaton. The MECs authorized for inclusion in the provisioning process for Navy systems and equipment acquisitions are codes 1, 3, 5 and 7. The contractor shall develop MECs in accordance with the guidance provided in Appendix C. MECs shall be reported in the Essentiality Code (EC) block located in the first provisioning data screen of the ICAPS.